



MasterColor CDM-TM

CDM20/TM/830 12PK

Introducing the smallest 20W ceramic metal halide lamp together with the unique e-Vision® electronic ballast. It's visually pleasing and financially rewarding, so the focus can be on your merchandise and not the ceiling clutter.

Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: www.lamprecycle.org or 1-800-555-0050

Product data

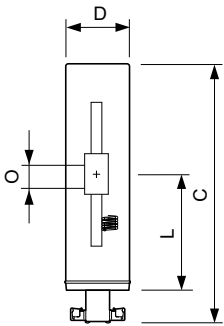
General information			
Base	PGJ5 [PGJ5]	Lumen Maintenance 2000 h (Nom)	75 %
Operating Position	Universal [Universal]	Lumen Maintenance 5000 h (Nom)	65 %
Life to 5% Failures (Nom)	9000 h	Chromaticity Coordinate X (Nom)	0.433
Life To 10% Failures (Nom)	10000 h	Chromaticity Coordinate Y (Nom)	0.392
Life to 20% Failures (Nom)	11000 h	Correlated Color Temperature (Nom)	3000 K
Life to 50% Failures (Nom)	12000 h	Luminous Efficacy (rated) (Nom)	72 lm/W
		Color Rendering Index (Min)	84
		Color Rendering Index (Nom)	87
Light technical		Operating and electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	22.1 W
Luminous Flux (Rated) (Nom)	1600 lm	Lamp Current Run-Up (Max)	.5 A
Color Designation	Warm White (WW)	Re-Ignition Time (Min) (Max)	15 min
Lumen Maintenance 1000 h (Nom)	80 %	Ignition Time (Max)	30 s
Lumen Maintenance 10000 h (Nom)	60 %		

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Voltage (Max)	108 V
Voltage (Min)	95 V
Voltage (Nom)	100 V
Controls and dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min
Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	T13.3
Approval and application	
Mercury (Hg) Content (Nom)	2.4 mg
Energy Consumption kWh/1000 h	24 kWh
UV	
Pet (Niosh) (Min)	8 h/500lx

Damage Factor D/fc (Max)	0.5
Luminaire design requirements	
Bulb Temperature (Max)	716 °F
Cap-Base Temperature (Max)	482 °F
Cap-Base Temperature (Max)-DUP(do not use)	482 °F
Product data	
Order product name	CDM20/TM/830 12PK
EAN/UPC - Product	046677140403
Order code	140400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928087905115
Net Weight (Piece)	0.011 lb
ILCOS Code	MT/UB-20/830-H/L-PGJ5-13.3/52

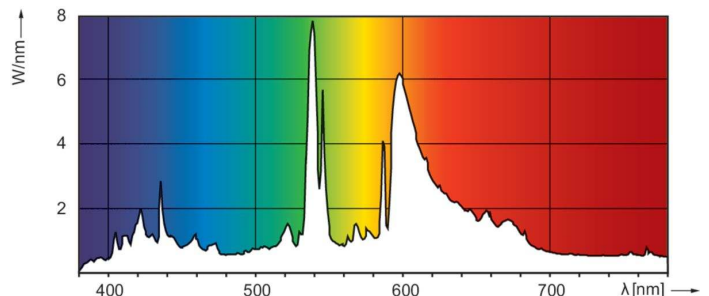
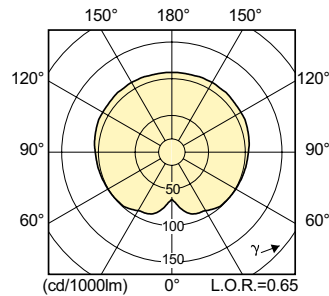
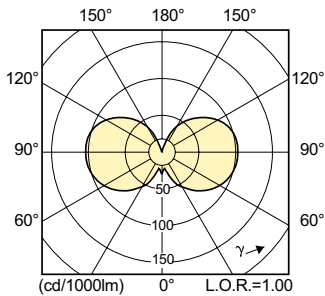
Dimensional drawing



CDM20/TM/830 12PK

Product	D (max)	D	O	L (min)	L (max)	L	C (max)
CDM20/TM/830 12PK	9/16 in	0.44 in	1/8 in	7/8 in	15/16 in	15/16 in	2-1/16 in

Photometric data



LDPO_CDM-Tm_830_930_PGJ5-Spectral power distribution Colour

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Lifetime

